

Figure 1:

AS 01: 3'-teg-G\*G\*G C\*C\*C\*G G\*C A\*C\*C G\*T\*C\*C T\*T\*C\*G  
 AS 02: 3'-teg-G\*G\*G\*T\*C A A G\*C\*C\*C T\*C\*T G\*T A\*C\*C\*G  
 AS 03: 3'-teg-G\*C\*C\*C T\*C\*T G\*T A\*C\*C G\*C\*C\*C G\*C\*A\*A  
 AS 04: 3'-teg-T\*A\*C\*C G\*C\*C\*C G\*C A A\*T\*T\*T\*C G A\*G\*A  
 AS 05: 3'-teg-T\*T\*C\*G A G A\*G\*C A\*C\*C G\*T A A\*T A\*G\*G  
 AS 06: 3'-teg-G\*A\*A\*T A\*C G A\*C\*C\*C\*T A\*C A\*C G G\*A\*A  
 AS 07: 3'-teg-A\*C\*A\*C G G A A\*T\*C\*T C\*C\*T\*A A\*T A\*C\*C  
 AS 08: 3'-teg-C\*T\*C\*C\*T A A\*T A\*C\*C G\*C A A\*A\*T G\*A\*C  
 AS 09: 3'-teg-C\*C\*G\*C\*A A A\*T G A\*C\*C\*G G G A\*A T\*A\*A  
 AS 10: 3'-teg-A\*C\*G G A\*C A G\*C\*C\*C T\*T\*G A\*C\*C G\*T\*A  
 AS 11: 3'-teg-G\*G\*A\*C A G\*C\*C\*C T\*T\*G A\*C\*C G\*T A\*T A\*A\*A  
 AS 12: 3'-teg-G\*C\*C\*C T\*T\*G A\*C\*C G\*T A\*T A A\*A G\*A\*A  
 AS 13: 3'-teg-G\*G\*A A\*C\*A\*C A A\*C\*C\*G T\*C\*C\*G T\*T\*A\*C  
 AS 14: 3'-teg-T\*G\*T A\*C A\*C G\*T G\*T A\*C G\*C\*C G\*T A\*A  
 AS 15: 3'-teg-G\*C\*C\*T C\*C\*T G\*T C\*C\*A G\*C\*C\*G C\*C\*A\*A  
 AS 16: 3'-teg-G\*G\*A\*C\*C G A\*C\*A T\*T\*G C\*A\*C G\*T C\*T A\*A\*A

\*: Thioéster

\_\_: 2'O-Méthylation

teg: espaceur Triéthylenglycol

**Figure 2**

	10	20	30	40	50	60
OB-RGRP_humaine	-----	MAG-VKALVALSFSGAIGLTFLMLGCALEDYGVYWPLFVLIFHAIS				
My47_humaine	-----	MAG-IKALISLSFGGAIGLMFLMLGCALPIYNKYWPLFVLFFYILS				
yt02_C.elegans	MCCHIHIQCFDCCSMKN	TILAVAALAFAGVVGLTFLVLGCALPRYGTWTPMFVITFYVLS				
YJ14_Levure	-----	MMEFKVSP <del>L</del> TKIISLSGFLALGFLLVILSCAL--FHNYYP <del>L</del> F <del>D</del> I <del>L</del> I <del>F</del> LLA				
Consensus	.. : . : * : . : * : . : : * . *** : . : * : * : . : . :	MCCHIHIQCF2222MAG2IKALI2LSF4GAIGLTFLMLGCALP3YG4YWPLFV24FY4LS				
	70	80	90	100	110	120
OB-RGRP_humaine	PIPHFI <del>A</del> KR-----	VTFYDSDATSSACRELAYFTTGIVVS <del>A</del> GFPVILARVAVIKWGACG				
My47_humaine	PIPYCIARR-----	LVDDTDAMSNACKELAIFLTGIVVS <del>A</del> FGLPIVFARAH <del>L</del> IEWGACA				
yt02_C.elegans	PVPLLIARR-----	FQEDMTGTN-ACIELALFIFTGIVVISAFALP <del>I</del> VLAHAGTIAMSACF				
YJ14_Levure	PIPN <del>T</del> IFNAGNKYHTSDFMSDSSNTQ <del>D</del> LAHFLTGM <del>L</del> VTSGIALPVVFYHCQLIGHLSCI	*.* . + : . : ** * : * . : . : * : . : * : *				
Consensus	PIP44IARRGNKYH44DDMDATS <del>N</del> AC4ELA4FLTTGIVVS <del>A</del> F2LP2V2A2A4LI4WGAC4					
	130	140	150			
OB-RGRP_humaine	LVLAGNAVI <del>F</del> LTIQGF <del>F</del> LIFGRGDDFSWEQW-					
My47_humaine	LVL <del>T</del> GNTVIFAT <del>I</del> LGF <del>F</del> LVFGSKDDFSWOQW-					
yt02_C.elegans	LIFIANSINF <del>S</del> VIIFYFRIFNGEDMNGMSLW-					
YJ14_Levure	MCMIGGLI <del>I</del> YSSIVIFKWF <del>F</del> KKDFNEDDSLF <del>G</del>					
Consensus	: . . . : * : . * . . . :	LVL <del>I</del> G <del>N</del> 42IFSTI4GF <del>F</del> LF <del>G</del> 44DDFSWS2WG				

Figure 3A Nter [REPEATED SEQUENCES] Cter

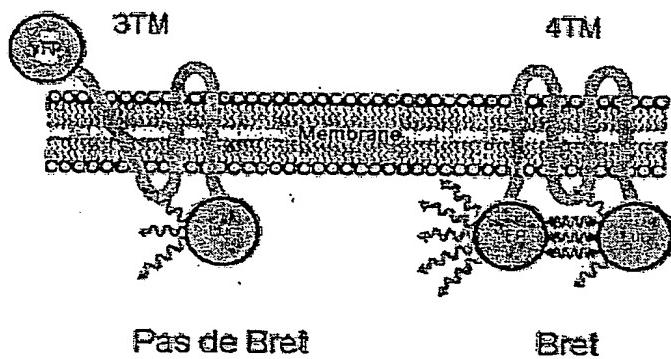
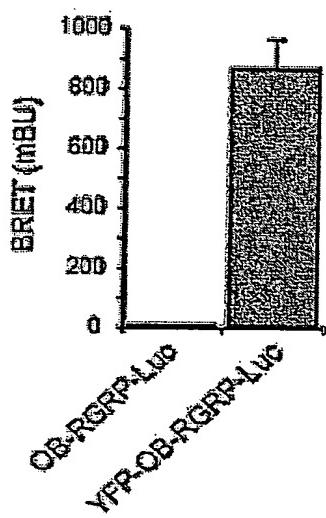
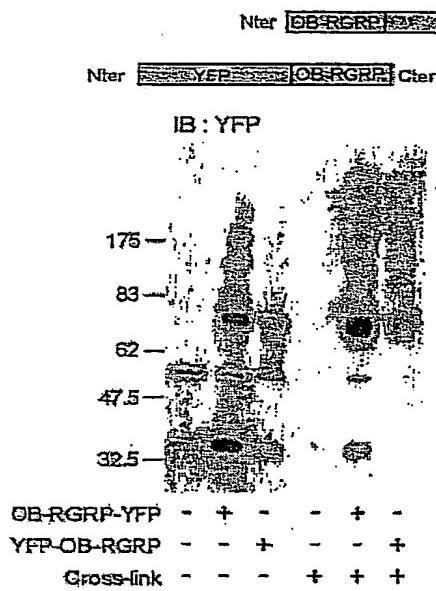
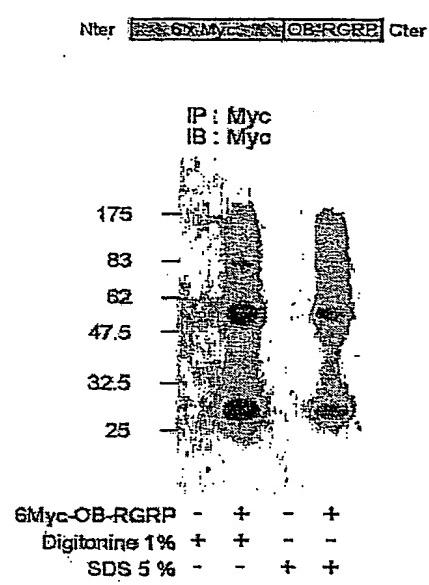
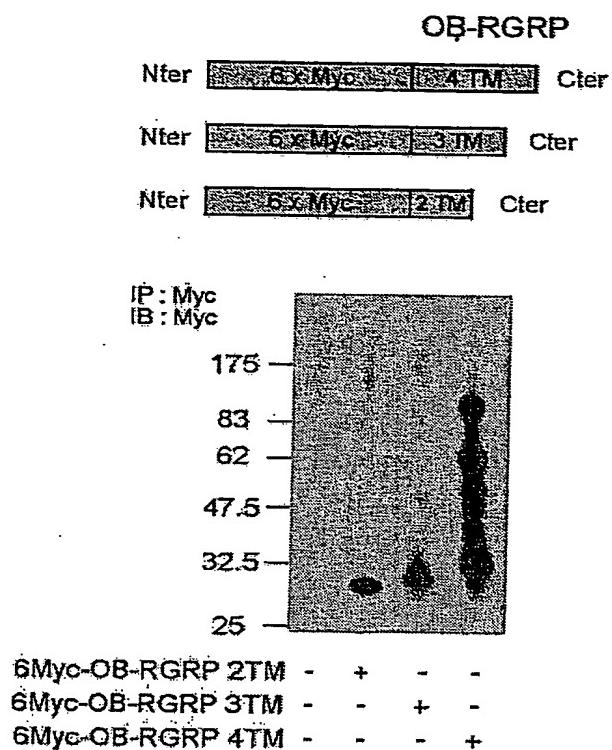
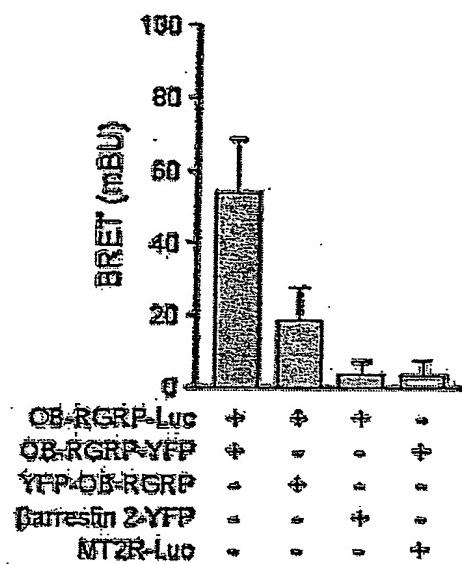
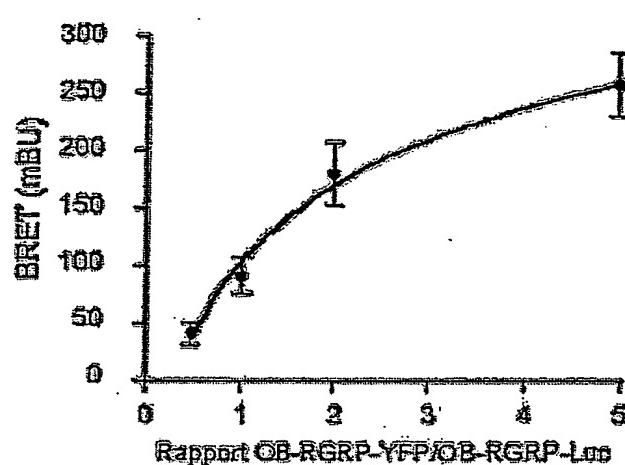


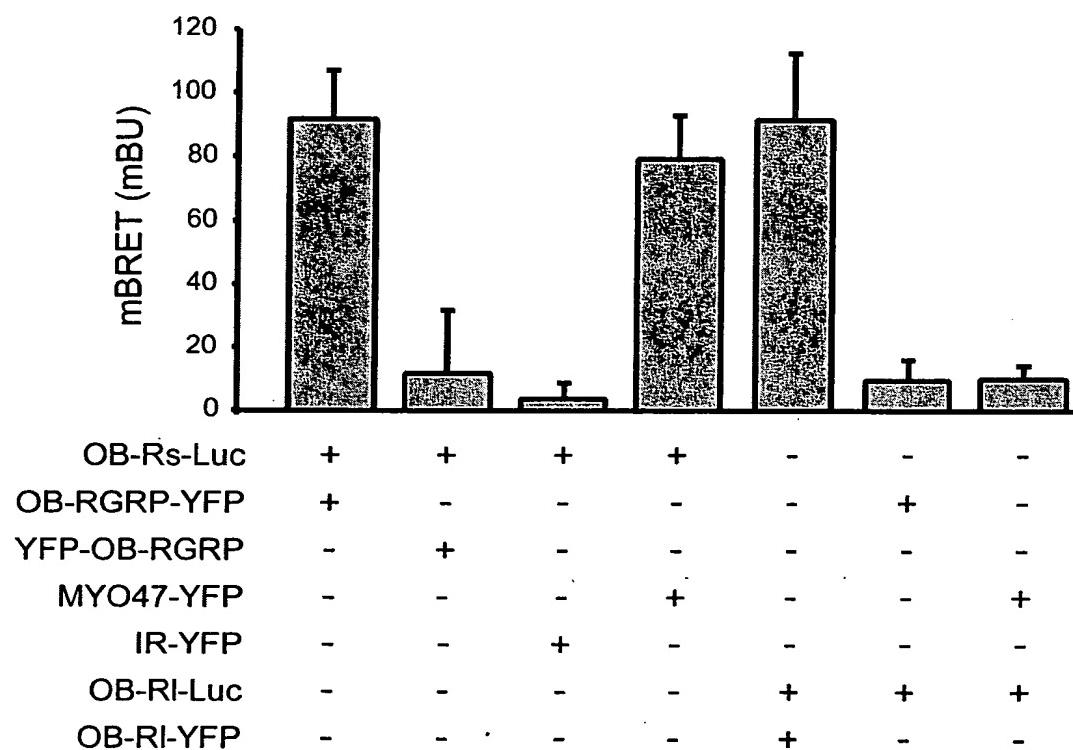
Figure 3B

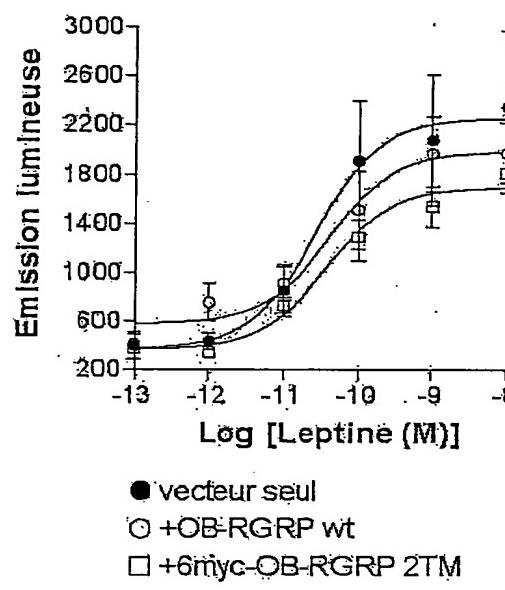
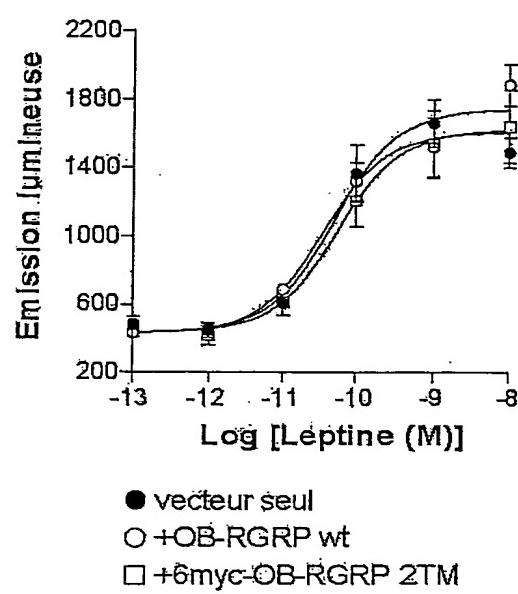


**Figure 4 A****Figure 4 B**

**Figure 5**

**Figure 6 A****Figure 6 B**

**Figure 7**

**Figure 8 a****Figure 8 b**

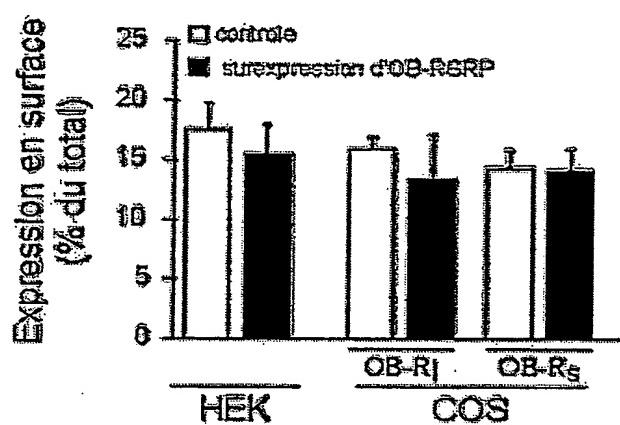
**Figure 9**

Figure 10a

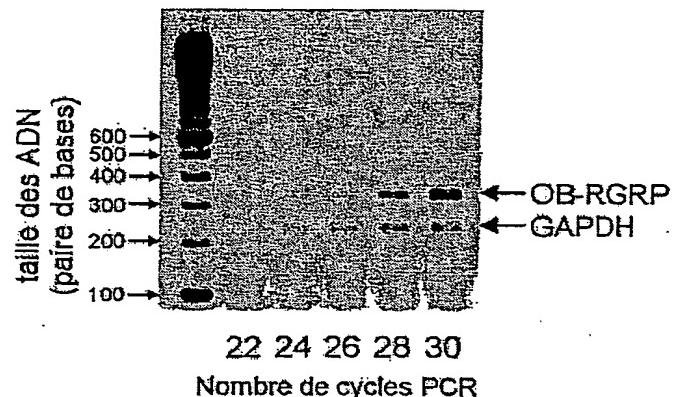


Figure 10b

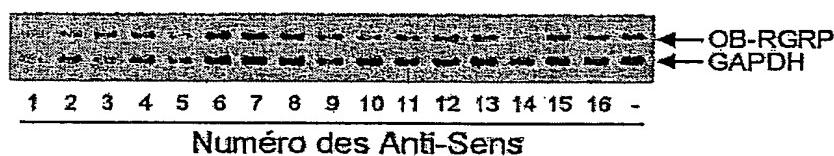
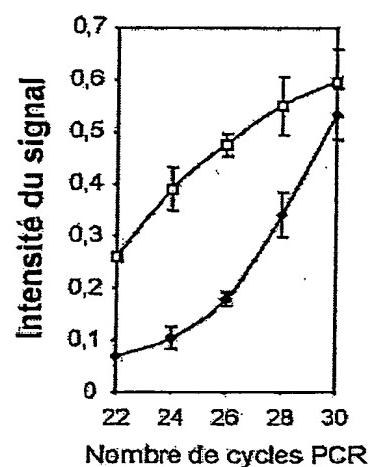
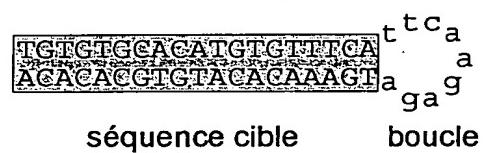


Figure 10c

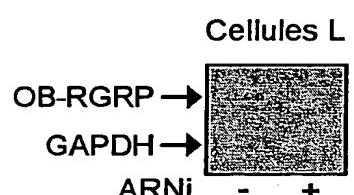
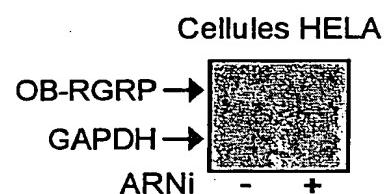
**FIGURE 11A**

5' - gugccugucggaaacuggcTT -3'  
3' - TTcacggacagccuugaccg -5'



**FIGURE 11C**

**FIGURE 11B**



**FIGURE 11D**

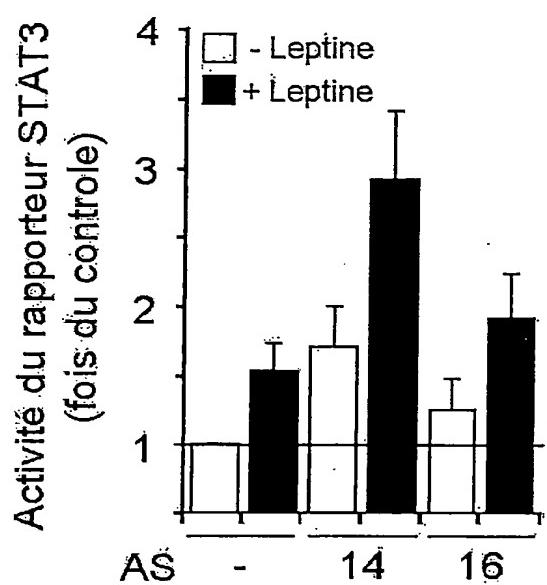
**FIGURE 12**

FIGURE 13

